SA1948

Digital music - anytime

enjoy great MP3, WMA sound and FM radio

Enjoy 27 hours* of great MP3 and WMA music with the Philips GoGear digital audio player SA1916. Easily search for your favorite songs by album or artist.

All your music on the go - everyday

- MP3 and WMA playback
- FM radio with 20 presets for more music options
- Equalizer to suit your music preferences

Ready to wear, ready to go

- Aluminum finish for robustness and durability
- Small and wearable for ultimate portability
- Up to 27-hour music playback*
- Voice recording to take notes or record anything, anytime

Easy and intuitive music experience

- Drag and drop your songs easily - no software needed
- 3-line black and white display for easy reading

PHILIPS

sense and simplicity

MP3 player
RaGa 4GB*

SA1948/37

Specifications

Picture/Display
- Backlight
- Lines of text: 3
- Resolution: 128 x 48
- Type: LCD

Sound
- Channel separation: 35 dB
- Equalizer customizable
- Equalizer settings: Funk, Hip Hop, Jazz, Rock, Classical, Techno
- Frequency response: 80 - 18 000 Hz
- Output power (RMS): 2 x 3 mW
- Signal to noise ratio: > 80 dB

Audio Playback
- Compression format: MP3, WAV, WMA
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 8-320 kbps and VBR
- MP3 sample rates: 8, 11.025, 16, 22.050, 24, 32, 44.1, 48 kHz
- WMA bit rates: 5-320 kbps
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz

Audio Capturing
- Audio file format: WAV
- Built-in microphone: mono
- Voice recording: ADPCM

Storage Media
- Built-in memory capacity: 4 GB
- Built-in memory type: NAND Flash
- Mass storage class compliant
- Music memory capacity, MP3: Up to 900 tracks*

Tuner/Reception/Transmission
- Station presets: 20
- Tuner bands: FM

Connectivity
- Headphone: 3.5 mm
- USB: USB 2.0

Convenience
- Firmware upgradeable
- Function: Keypad lock
- Battery low indication
- Volume control
- Superscroll

Accessories
- CD-ROM: Yes, with IFU, Device Manager
- Headphones: AY3822
- Quick start guide
- USB cable: AY3930

Software
- Device manager: to restore and upgrade

Green Specifications
- Lead-free soldered product

System Requirements
- CD-ROM drive
- Internet connection: Yes (for access to updated support documents, manuals, future firmware and PC software upgrades)
- PC OS: Windows 2000 / XP / Vista
- USB: Free USB port

Dimensions
- Packaging type: Clamshell
- Blister dimensions (WxDxH): 13.5 x 3.35 x 18.4 cm
- Product dimensions (WxDxH): 44 x 46 x 15.6 mm
- Product weight: 0.034 kg

Power
- Playtime on internal battery: Up to 27 hours
- Rechargeable: Yes, via USB
- Battery Type: LI-Polymer

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12 NC: 8670 000 42204
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* 1GB = 1 billion bytes; available storage capacity will be less.
* Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.
* Storage capacity based on 4 minutes per song and 64 kbps WMA or 128 kbps MP3 encoding.
* Actual transfer speed may vary based on your operating system and software configuration.
* Optional versions with or without radio are available